## SOIL PROPERTIES

### 1. Parent material (5 points)
- A Weathered bedrock
- B Till
- C Outwash/lacust. Deposit
- D Eolian sand
- E Loess
- AB Alluvium
- AC Local overwash

### 2. Slope (5 points)
- A 0-2%
- B 3-6%
- C 7-12%
- D 13-18%
- E 19-25%
- AB 26-35%
- AC >35%

### 3. Landform (5 points)
- A Upland hillslope
- B Upland swell
- C Upland depr./flat
- D Dune
- E Filled depression
- AB Outwash landfm., hillslope
- AC Outwash landfm., swell
- AD Outwash landfm., dep./flat
- AE Flood plain

### 4. Color, surface (5 points)
- A Dark
- B Grey
- C Brownish

### 5. Erosion (5 points)
- A None to slight
- B Moderate
- C Severe

### 6. Texture, surface (5 points)
- A Sandy (S, LS)
- B Moderately sandy (SL)
- C Medium (L, SiL, Si)
- D Moderately clayey (SCL, CL, SiCL)
- E Clayey (SC, C, SiC)
- S = Sand(y), Si = Silt(y), C = Clay, L = Loam(y)

### 7. Texture, subsoil (5 points)
- A Sandy (S, LS)
- B Moderately sandy (SL)
- C Medium (L, SiL, Si)
- D Moderately clayey (SCL, CL, SiCL)
- E Clayey (SC, C, SiC)

### 8. Natural soil drainage (5 points)
- A Poorly
- B Somewhat poorly
- C Moderately well
- D Well

### 9. Limiting layer (5 points)
- A Bedrock, 0-20 in.
- B Bedrock, 21-40 in.
- C Dense till, 0-20 in.
- D Dense till, 21-40 in.
- E Fragipan, 0-20 in.
- AB Fragipan, 21-40 in.
- AC Coarse sand & gravel, 0-20 in.
- AD Coarse sand & gravel, 21-40 in.
- AE None within 40 in.

### Current land use (0 points)
- [ ] Naturally vegetated land
- [ ] Agricultural or developed land

## CAPABILITY, POTENTIAL, AND PRACTICES

### (3 points each)

#### YES NO

A. Prime farmland

B. High potential for degradation

C. Vegetation and buffer practices

D. Tillage and cropping practices

E. Water management practices

F. Chemical and fertility practices

### Score

- Part I, 1-9 (45 pts. possible) __________
- Part II, 51-73 (69 pts. possible) __________
- Total (114 pts. possible) __________